

## EAST Search History

| Ref # | Hits | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------|------------------|---------|------------------|
| S1    | 1749 | ((photoelectric adj convert\$3) or (image adj sensor) or (pixel adj array) or (ccd) or (photo\$7 adj convert\$3)) adj3 (slid\$3 or mov\$3)                                       | USPAT                  | OR               | OFF     | 2007/09/02 22:18 |
| S2    | 124  | S1 and ((second or two) adj ((lens adj group) or (optical)))   | USPAT                  | OR               | OFF     | 2007/08/28 15:02 |
| S3    | 0    | ((image adj sensor) or (photoelectric adj converter)) adj2 (move\$1 or slide\$1 shift\$1)) same ((second or other or two or first) adj ((lens adj group) or (optical adj unit))) | USPAT                  | OR               | OFF     | 2007/08/28 15:06 |
| S4    | 3    | ((image adj sensor) or (photoelectric adj converter)) adj2 (move\$1 or slide\$1 shift\$1)) same ((second or other or two or first) adj ((lens adj group) or (optical)))          | USPAT                  | OR               | OFF     | 2007/08/28 15:06 |
| S5    | 18   | ("6226035").URPN.  | USPAT                  | OR               | OFF     | 2007/08/28 15:34 |
| S6    | 23   | ("3505465"   "3740469"   "5023725"   "5164827"   "5185667"   "5187571"   "5257089"   "5359363"   "5394209"   "5444235"   "5495376"   "5539483"   "5557454"   "5589901"           | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/08/28 15:41 |

|     |    |   |                              |    |     |                     |
|-----|----|---|------------------------------|----|-----|---------------------|
|     |    | "5627616"  <br>"5760826"  <br>"5774569"  <br>"5790181"  <br>"5864713"  <br>"5909244"  <br>"5990934"  <br>"6118474").PN.               |                              |    |     |                     |
| S7  | 19 | S6 and (move\$4 or<br>slide\$1 or shift\$1)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28<br>16:18 |
| S8  | 3  | "6654063"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28<br>16:19 |
| S9  | 0  | "6654063.pn."   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28<br>16:19 |
| S10 | 1  | "6654063".pn.   | USPAT                        | OR | OFF | 2007/08/28<br>16:20 |
| S11 | 7  | 348/36.ccls. and<br>(two adj optical)   | USPAT                        | OR | OFF | 2007/08/28<br>16:20 |
| S12 | 15 | 348/36.ccls. and<br>((two or second) adj<br>optical)  | USPAT                        | OR | OFF | 2007/08/28<br>16:27 |
| S13 | 23 | 348/36.ccls. and<br>((two or second) adj<br>(optical or lens))  | USPAT                        | OR | OFF | 2007/08/28<br>16:29 |
| S14 | 8  | S13 not S12   | USPAT                        | OR | OFF | 2007/08/28<br>16:27 |
| S15 | 12 | 348/219.1.ccls. and<br>((two or second) adj<br>(optical or lens))   | USPAT                        | OR | OFF | 2007/08/28<br>16:30 |
| S16 | 5  | 348/219.1.ccls. and<br>((two or second) adj<br>(optical or lens)) and<br>((image adj sensor)<br>or (photoelectric adj<br>convert\$3)) | USPAT                        | OR | OFF | 2007/08/28<br>16:30 |
| S17 | 1  | "6816156".pn.   | USPAT                        | OR | OFF | 2007/08/29<br>16:07 |
| S18 | 1  | "0036365"   | USPAT                        | OR | OFF | 2007/08/29<br>16:01 |
| S19 | 3  | "208979".ap.  | USPAT                        | OR | OFF | 2007/08/29<br>16:01 |
| S20 | 1  | "208979".ap.  | US-PGPUB                     | OR | OFF | 2007/08/29<br>16:04 |

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| S21 | 2   | "827263".ap.   | US-PGPUB                     | OR | OFF | 2007/08/29<br>16:04 |
| S22 | 1   | "5041859".pn.  | USPAT                        | OR | OFF | 2007/08/29<br>16:05 |
| S23 | 2   | "283905".ap.   | US-PGPUB                     | OR | OFF | 2007/08/29<br>16:47 |
| S24 | 2   | "527274"   | US-PGPUB                     | OR | OFF | 2007/08/29<br>16:52 |
| S25 | 1   | "707979".ap.   | US-PGPUB                     | OR | OFF | 2007/08/29<br>16:52 |
| S26 | 2   | "707949".ap.   | US-PGPUB                     | OR | OFF | 2007/08/29<br>16:52 |
| S27 | 4   | (image adj sensor<br>adj slides)   | USPAT                        | OR | OFF | 2007/08/29<br>17:33 |
| S28 | 46  | (image adj sensor<br>adj moves)  | USPAT                        | OR | OFF | 2007/08/29<br>17:48 |
| S29 | 0   | "6816156".pn. and<br>(image adj sensor)  | USPAT                        | OR | OFF | 2007/08/29<br>17:48 |
| S30 | 1   | "6816156".pn. and<br>(sensor)  | USPAT                        | OR | OFF | 2007/08/29<br>17:49 |
| S31 | 1   | "6816156".pn. and<br>(move\$ or slide\$ or<br>shift\$)   | USPAT                        | OR | OFF | 2007/08/29<br>17:50 |
| S32 | 356 | "348".clas. and<br>((image adj sensor)<br>adj4 (move\$1 or<br>slide\$1 or shift\$1 or<br>rotate\$1))   | USPAT                        | OR | OFF | 2007/08/29<br>17:51 |
| S33 | 80  | "348".clas. and<br>((image adj sensor)<br>adj (move\$1 or slide<br>\$1 or shift\$1 or<br>rotate\$1))   | USPAT                        | OR | OFF | 2007/08/29<br>17:51 |
| S34 | 23  | ("3505465"  <br>"3740469"  <br>"5023725"  <br>"5164827"  <br>"5185667"  <br>"5187571"  <br>"5257089"  <br>"5359363"  <br>"5394209"  <br>"5444235"  <br>"5495376"  <br>"5539483"  <br>"5557454" | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/29<br>17:59 |

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|-----|-------|--|-------|----|-----|---------------------|
|     |       | "5589901"  <br>"5627616"  <br>"5760826"  <br>"5774569"  <br>"5790181"  <br>"5864713"  <br>"5909244"  <br>"5990934"  <br>"6118474").PN. |       |    |     |                     |
| S35 | 1     | "6806899".pn. and<br>(image adj sensor)  | USPAT | OR | OFF | 2007/08/29<br>18:01 |
| S36 | 1     | "6654097".pn. and<br>(image adj sensor)  | USPAT | OR | OFF | 2007/08/29<br>18:06 |
| S37 | 1     | "6654097".pn. and<br>((image adj sensor)<br>same (move\$ or shift<br>\$ or slide\$))   | USPAT | OR | OFF | 2007/08/29<br>18:08 |
| S38 | 1     | "6766112".pn. and<br>((image adj sensor)<br>same (move\$ or shift<br>\$ or slide\$))   | USPAT | OR | OFF | 2007/08/29<br>18:08 |
| S39 | 0     | "6226035".pn. and<br>filter  | USPAT | OR | OFF | 2007/09/02<br>22:46 |
| S40 | 3     | (first adj image adj<br>sensor) same<br>(second adj image<br>adj sensor) same<br>(first adj position)<br>same (second adj<br>position) | USPAT | OR | OFF | 2007/09/02<br>22:47 |
| S41 | 6     | ("4331864").URPN.  | USPAT | OR | OFF | 2007/09/02<br>22:48 |
| S42 | 1     | ((second adj optical<br>adj (unit or system))<br>or (second adj lens<br>adj group)) same<br>(second adj image<br>adj sensor)           | USPAT | OR | OFF | 2007/09/02<br>22:58 |
| S43 | 1     | "6907139".pn. and<br>switch\$  | USPAT | OR | OFF | 2007/09/02<br>22:58 |
| S44 | 1     | "6907139".pn.  | USPAT | OR | OFF | 2007/09/03<br>12:47 |
| S45 | 89358 | (image sensor).ti.   | USPAT | OR | OFF | 2008/06/15<br>16:19 |
| S46 | 2058  | (image adj sensor).<br>ti.   | USPAT | OR | OFF | 2008/06/15<br>16:19 |

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| S47 | 474 | 348/335.ccls.   | USPAT                        | OR | OFF | 2008/06/15<br>16:22 |
| S48 | 17  | S47 and ((first adj4 path) and (second adj4 path))                                | USPAT                        | OR | OFF | 2008/06/15<br>16:23 |
| S49 | 3   | (US-7034882-\$ or US-6975358-\$ or US-6930707-\$).did.                            | USPAT                        | OR | OFF | 2008/06/15<br>16:39 |
| S50 | 2   | S49 and switch\$4   | USPAT                        | OR | OFF | 2008/06/15<br>16:39 |
| S51 | 1   | "6975358".pn. and (first adj4 path)   | USPAT                        | OR | OFF | 2008/06/15<br>16:57 |
| S52 | 1   | "6975358".pn. and (first adj4 path) and (second adj4 path)                        | USPAT                        | OR | OFF | 2008/06/15<br>16:58 |
| S53 | 6   | ("4237492"   "4772903"   "5121220"   "5483284"   "6130714"   "6400395").PN.       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/15<br>17:01 |
| S54 | 0   | ("6975358").URPN.   | USPAT                        | OR | OFF | 2008/06/15<br>17:01 |
| S55 | 657 | "348".clas. and ((image adj sensor) or ccd) adj4 mov\$4                           | USPAT                        | OR | OFF | 2008/06/15<br>17:06 |
| S56 | 142 | "348".clas. and ((image adj sensor) or ccd) adj mov\$4                            | USPAT                        | OR | OFF | 2008/06/15<br>17:06 |
| S57 | 142 | "348".clas. and (((image adj sensor) or ccd) adj mov\$4)                          | USPAT                        | OR | OFF | 2008/06/15<br>17:06 |
| S58 | 7   | "348".clas. and (((image adj sensor) or ccd) adj mov\$4) same (optical adj path)) | USPAT                        | OR | OFF | 2008/06/15<br>17:07 |
| S59 | 1   | "6975358".pn. and mirror\$1   | USPAT                        | OR | OFF | 2008/06/15<br>18:11 |
| S60 | 1   | "6975358".pn. and zoom  | USPAT                        | OR | OFF | 2008/06/15<br>18:15 |
| S61 | 3   | "527274".ap.  | USPAT                        | OR | OFF | 2008/06/15<br>18:37 |
| S62 | 2   | "527274".ap.  | US-PGPUB                     | OR | OFF | 2008/06/15<br>18:37 |

6/ 17/ 2008 1:25:04 PM

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